

A WORKSHOP ON ENTERPRISE RESOURCE PLANNING IN CONSTRUCTION MANAGEMENT

Date: 20/02/2016

Timings: 10 AM – 5 PM

Chief Guest & Speaker: Er. Yudhistirudu Gaddipati, AEC Logic Pvt. Ltd., Hyderabad.

Venue: Peacock hall

All the civil engineering M. Tech students from Construction Technology and Management, Structural engineering and many interested students from B. Tech final year from various colleges have participated in the workshop. The chief guest of workshop is Er. Yudhistirudu Gaddipati from AEC LOGIC PVT LTD, HYD.



Er. Yudhistirudu Gaddipati, AEC LOGIC PVT LTD

Enterprise resource planning is business process management software that allows on organization to use a system of integrated applications to manage the business and automate many back office functions related to technology, service and human resources. ERP software integrates all facets of an operation – including product planning, development, manufacturing, sales and marketing- in a single database, application and user interface.

At times the projects cut through deadlines and even budget figures run beyond expectations. In such circumstances, the project management becomes risky and highly complicated. This takes place mostly due to lack of fool-proof quantity estimation, rate analysis, project planning and monitoring systems with regard to the base-line programs drawn using tools like MS Project and shop drawings using Auto CAD.

Once all designs, drawings and planning are in place, managing large and multiple projects become another problem, unless you have an apt ERP solutions and applications that are business ready.

AEC ERP consists of the following management systems:

- a) Accounts management system
- b) Bid management system
- c) Corporate management system
- d) Documentation management system
- e) Equipment management system
- f) HR management system
- g) Material management system
- h) Network management system
- i) Operations management system.
- j) Procurement management system
- k) Quality management system

In this ERP it is an safe online software operation. The clients only get password and opens the project progress to visualize the all types of works and materials. It is an server based data operation we can do simultaneously large projects at a time.

Ordering of materials from AEC LOGIC ERP:

We can order the materials from the vendors from ERP itself. The process is that first a list of vendors from the local areas, state and country has been stored in the software. After completing the previous software here this tool will allow the section of vendors of supplying materials based on the price and quality. We will input the quantities required for our project. It automatically create the purchase order and sent to the different vendors through mails. Those vendors who accept the purchase order will supply the materials.

Prices of materials in AEC LOGIC ERP:

In this tool the standard rates of the materials are inbuilt previously. It will automatically calculate the price of the materials according to the input of quantities of materials. If any change in the prices of the materials, we can change the list of prices of materials.

In this way it can integrate all the requirements like materials, time, money, work progress and even it can take autocad drawings and estimate the materials and prices for the plans. To simply and complete the project in smooth manner without confusing in large projects this ERP will helpful managing the construction projects.



Dr. V. Ranga Rao H.O.D, Dept of Civil Engineering



Dr. V. Ranga Rao H.O.D, Dept of Civil Engineering presents Er. Yudhistirudu Gaddipati with a memento

